WORK AND STRESS

Volume 16 2002

Taylor & Francis
Taylor & Francis Group

WORK AND STRESS

Professor Tom Cox, CBE (*Managing Editor*)
Mary Tisserand (*Assistant Editor*)
Institute of Work, Health and Organisations, University of Nottingham, William Lee Buildings, Unit 8, Nottingham Science and Technology Park, University Boulevard, Nottingham NG7 2RQ, UK.
e-mail: Work-and-Stress@nottingham.ac.uk

INTERNATIONAL EDITORIAL ADVISORY BOARD

Ronald Burke, York University, Canada
André Büssing, Technische Universität München, Germany
Michael Colligan, NIOSH, USA
Sue Cox, University of Lancaster, UK
Philip Dewe, Birkbeck College, London, UK
Giuseppe Favretto, Università degli Studi di Verona, Italy
Eamonn Ferguson, University of Nottingham, UK
Shirley Fisher, University of Strathclyde, UK
Richard Graveling, Institute of Occupational Medicine Ltd, UK
Siegfried Greif, University of Osnabrück, Germany
Amanda Griffiths, University of Nottingham, UK
James House, University of Michigan, Ann Arbor, USA
Gunn Johannson, University of Stockholm, Sweden
Masaharu Kumashiro, UOEH, Kitakyushu, Japan
Phil Leather, University of Nottingham, UK
Claude Levy-Leboyer, Université René Descartes, Paris, France
Ewan M. Macdonald, University of Glasgow, UK
Colin Mackay, Health and Safety Executive, Bootle, UK
Regina Marcie, Associaca Brazileira d'Ergonomia, Sao Paulo
Eusebio Rial-González, University of Nottingham, UK
Gavriel Salvendy, Purdue University, West Lafayette, USA
Steven Sauter, NIOSH, USA
Wilmar Schaufeli, Utrecht University, The Netherlands
Patricia Shipley, Birkbeck College, London, UK
Johannes Siegrist, University of Düsseldorf, Germany
Valerie Sutherland, Sutherland-Bradley Associates, Camberley, UK
Donald Tepas, University of Connecticut, USA
Töres Theorell, National Institute for Psychological Factors and Health, Stockholm, Sweden
Holger Ursin, University of Bergen
Gustav Wickström, Turku Regional Institute of Occupational Health, Finland

Contents of Volume 16 2002

Number 1 January–March

A longitudinal study of burnout: the relative importance of dispositions and experiences
Matthias Burisch **1**

An analysis of safety culture attitudes in a highly regulated environment *Joan Harvey, George Erdos, Helen Bolam, Michael A. A. Cox, John N. P. Kennedy and David T. Gregory* **18**

A process evaluation of individual and organizational occupational stress and health interventions *Per Oystein Saksvik, Kjell Nytrø, Carla Dahl-Jørgensen and Aslaug Mikkelsen* **37**

Perception and control of occupational injury risks in fishery—a pilot study *Mats Eklöf and Marianne Törner* **58**

Research Note: Problems with the measures of gastrointestinal and cardiovascular symptom frequency in The Standard Shiftwork Index *Christian N. Pitsopoulos and Kenneth M. Greenwood* **70**

Research Note: Are psychosocial factors associated with low-back pain among nursing personnel? *Henrik Gonge, Lone Donbæk Jensen and Jens Peter Bonde* **79**

Number 2 April–June

SPECIAL ISSUE: Musculoskeletal disorders, psychosocial factors and computer work
Guest Editors: Hanne Christensen and Ulf Lundberg

Editorial **89**

Interventions for musculoskeletal disorders in computer-intense office work: a framework for evaluation *D. C. Cole, R. P. Wells and The Worksite Upper Extremity Research Group* **95**

Work-related psychosocial, physical and individual factors associated with musculoskeletal symptoms in computer users *C. Jensen, C. U. Ryholt, H. Burr, E. Villadsen and H. Christensen* **107**

The impact of VDU use and psychosocial factors at work on musculoskeletal shoulder symptoms among white-collar workers *J. J. Hanse* **121**

Psychophysiological stress reactions, trapezius muscle activity, and neck and shoulder pain among female cashiers before and after introduction of job rotation *D. Rissén, B. Melin, L. Sandsjö, I. Dohns and U. Lundberg* **127**

The influence of psychological stressors on myoelectrical signal activity in the shoulder region during a data entry task *L. McLean and N. Urquhart* **138**

Endocrinological and immunological variables sensitive to psychosocial factors of possible relevance to work-related musculoskeletal disorders *T. Theorell, H.-M. Hasselhorn and the Music Norrtälje Study Group* **154**

Effects of experimentally induced mental and physical stress on motor unit recruitment in the trapezius muscle *U. Lundberg, M. Forsman, G. Zachau, M. Eklöf, G. Palmerud, B. Melin and R. Kadefors* **166**

Psychophysiological mechanisms of pain in computer work: the blood vessel-nociceptor interaction hypothesis *S. Knardahl* **179**

Number 3 July–September

The Intervention Project on Absence and Well-being (IPAW): Design and results from the baseline of a 5-year study *Martin L. Nielsen, Tage S. Kristensen and Lars Smith-Hansen* **191**

Specific relationships between psychosocial job conditions and job-related stress: A three-level analytic approach *Marc van Veldhoven, Jan de Jonge, Sjaak Broersen, Michiel Kompier and Theo Meijman* **207**

Job characteristics as predictors of ill-health and sickness absenteeism in different occupational types—a multigroup structural equation modelling approach *Anders Pousette and Jan Johansson Hanse* **229**

Gender differences in the effects of coping assistance on the reduction of burnout in academic staff *IJ. Hetty van Emmerik* **251**

Perceived physical work capacity, stress, sleep disturbance and occupational accidents among firefighters working during a strike *Sirpa Lusa, Marketta Häkkänen, Ritva Luukkonen and Eira Viikari-Juntura* **264**

Research Note: Trauma, coping resources, and family functioning in emergency services personnel: A comparative study *Jane Shakespeare-Finch, Sandy Smith and Patricia Obst* **275**

Number 4 October–December

Editorial **283**

Inequity at work: its measurement and association with worker health *T. W. Taris, R. Kalimo and W. B. Schaufeli* **287**

Anxiety, burnout and coping styles in general hospital staff exposed to workplace aggression: a cyclical model of burnout and vulnerability to aggression *S. Winstanley and R. Whittington* **302**

Effects of neuroticism, extraversion, circadian type and age on reported driver stress *C. Langford and A. I. Glendon* **316**

Exploring the nature of control and its role in the appraisal of workplace stress *C. Troup and P. Dewe* **335**

Workload and morning salivary cortisol in women *U. Lundberg and B. Hellström* **356**